

aberration caused by thickness variations of the optical disk.

36. (ONCE AMENDED) An optical disk, comprising:
an information substrate, wherein the information substrate comprises
an incident surface receiving light to record and reproduce information; and
a recording surface on which an information signal is recorded and from which at least a portion of an incident beam is reflected, wherein the thickness from the incident surface of the information substrate to the recording surface is less than 0.1 mm, and a thickness error from the incident surface of the information substrate to the recording surface is within $\pm 5 \mu\text{m}$.

38. (ONCE AMENDED) An objective lens focusing an incident beam from a light source to form a light spot on an optical disk, comprising:
at least one transmitting portion transmitting the incident beam; and
at least one reflecting portion condensing and reflecting the incident beam from the at least one transmitting portion, wherein the at least one reflecting portion comprises a negative power and the at least one reflecting portion further comprises a positive power.

42. (ONCE AMENDED) An objective lens, comprising:
a single lens configuration comprising a high numerical aperture to form a high-density, high resolution light spot, a first reflecting portion comprising a negative power, and a second reflecting portion comprising a positive power.

43. (ONCE AMENDED) The objective lens of claim 42, wherein the numerical aperture comprises at least 0.8.

46. (ONCE AMENDED) The objective lens of claim 45, wherein the first reflecting portion condenses and reflects the incident beam from the first transmitting portion and is formed around the second transmitting portion.

47. (ONCE AMENDED) The objective lens of claim 46, wherein the second reflecting portion condenses and reflects the incident beam from the first reflecting portion towards the second transmitting portion and is formed around the second transmitting portion.

48. (ONCE AMENDED) An objective lens, comprising:
a single lens configuration shielding a near-axis beam and comprising a numerical aperture of at least 0.8, a first reflecting portion comprising a negative power, and a second reflecting portion comprising a positive power.

51. (ONCE AMENDED) The objective lens of claim 50, wherein the first reflecting portion condenses and reflects the incident beam from the first transmitting portion and is formed around the second transmitting portion.

52. (ONCE AMENDED) The objective lens of claim 51, wherein the second reflecting portion condenses and reflects the incident beam from the first reflecting portion towards the second transmitting portion and is formed around the second transmitting portion.

53. (ONCE AMENDED) An optical pickup, comprising:
an objective lens comprising a single lens configuration, the single lens configuration comprising a high numerical aperture to form a high-density, high resolution light spot, a first reflecting portion comprising a negative power, and a second reflecting portion comprising a positive power.

57. (ONCE AMENDED) The optical pickup of claim 56, wherein the first reflecting portion condenses and reflects the incident beam from the first transmitting portion and is formed around the second transmitting portion.

58. (ONCE AMENDED) The optical pickup of claim 57, wherein the second reflecting portion condenses and reflects the incident beam from the first reflecting portion towards the second transmitting portion and is formed around the second transmitting portion.

REMARKS

INTRODUCTION:

In accordance with the foregoing, claims 37, 40, and 41 have been canceled without prejudice or disclaimer and claims 32, 36, 38, 42, 43, 46-48, 51-53, and 57-58 have been amended. No new matter is being presented, and approval and entry are respectfully